

IN THE CLAIMS

Please cancel claims 4-5, 7, 13-14, 16, 20-21, 24-25 and 27.

Please amend the claims as follows.

1 1. (Currently Amended) An apparatus comprising:
2 at least one processor;
3 a memory coupled to the at least one processor;
4 a first job residing in the memory and executed by the at least one processor;
5 a second job residing in the memory and executed by the at least one processor;
6 an inter-job breakpoint mechanism that detects at least one condition in the first
7 job and, in response thereto, ~~performs at least one action on the second job~~ enables a
8 breakpoint in the second job.

1 2. (Original) The apparatus of claim 1 wherein the at least one condition comprises the
2 start of execution of a specified portion of code in the first job.

1 3. (Original) The apparatus of claim 1 wherein the at least one condition comprises the
2 end of execution of a specified portion of code in the first job.

1 4-5 (Cancelled)

1 6. (Currently Amended) The apparatus of claim [[5]] 1 wherein the ~~at least one action~~
2 ~~further comprises halting inter-job breakpoint mechanism halts~~ execution of the second
3 job when at least one condition specified in the breakpoint in the second job is satisfied.

1 7. (Cancelled)

- 1 8. (Currently Amended) ~~The apparatus of claim 7 wherein the property comprises~~ An
2 apparatus comprising:
3 _____ at least one processor;
4 _____ a memory coupled to the at least one processor;
5 _____ a first job residing in the memory and executed by the at least one processor;
6 _____ a second job residing in the memory and executed by the at least one processor;
7 _____ an inter-job breakpoint mechanism that detects at least one condition in the first
8 job and, in response thereto, modifies a program variable in the second job.
- 1 9. (Currently Amended) The apparatus of claim [[1]] 8 wherein the ~~at least one action~~
2 ~~comprises outputting of inter-job breakpoint mechanism, in response to detecting the at~~
3 ~~least one condition in the first job, outputs~~ a debug message to the second job's output.

1 10. (Currently Amended) A method for debugging comprising the steps of:
2 defining at least one condition in a first job;
3 defining at least one action to take on a second job;
4 monitoring execution of the first job;
5 monitoring execution of the second job; and
6 when the at least one condition in the first job is satisfied, ~~performing at least one~~
7 ~~action on the second job~~ enabling a breakpoint in the second job.

1 11. (Original) The method of claim 10 wherein the at least one condition comprises the
2 start of execution of a specified portion of code in the first job.

1 12. (Original) The method of claim 10 wherein the at least one condition comprises the
2 end of execution of a specified portion of code in the first job.

1 13-14 (Cancelled)

1 15. (Currently Amended) The method of claim ~~[[14]]~~ 10 ~~wherein the at least one action~~
2 ~~further comprises~~ further comprising the step of halting execution of the second job when
3 at least one condition specified in the breakpoint in the second job is satisfied.

1 16. (Cancelled)

1 17. (Currently Amended) ~~The method of claim 16 wherein the property comprises a~~
2 method for debugging comprising the steps of:
3 _____ defining at least one condition in a first job;
4 _____ defining at least one action to take on a second job;
5 _____ monitoring execution of the first job;
6 _____ monitoring execution of the second job; and
7 _____ when the at least one condition in the first job is satisfied, modifying a program
8 variable on the second job.

1 18. (Currently Amended) The method of claim [[10]] ~~17 wherein the at least one action~~
2 ~~comprises~~ further comprising the step of outputting [[of]] a debug message to the second
3 job's output when the at least one condition in the first job is satisfied.

- 1 19. (Currently Amended) A computer-readable program product comprising:
2 (A) an inter-job breakpoint mechanism that monitors execution of first and second
3 jobs, and when at least one condition in the first job is satisfied, ~~performs at least one~~
4 ~~action on the second job~~ enables a breakpoint in the second job; and
5 (B) computer-readable signal-bearing recordable media bearing the inter-job
6 breakpoint mechanism.
- 1 20-21 (Cancelled)
- 1 22. (Original) The program product of claim 19 wherein the at least one condition
2 comprises the start of execution of a specified portion of code in the first job.
- 1 23. (Original) The program product of claim 19 wherein the at least one condition
2 comprises the end of execution of a specified portion of code in the first job.
- 1 24-25 (Cancelled)
- 1 26. (Currently Amended) The program product of claim [[25]] 19 wherein the ~~at least~~
2 ~~one action further comprises halting~~ inter-job breakpoint mechanism halts execution of
3 the second job when at least one condition specified in the breakpoint in the second job is
4 satisfied.
- 1 27. (Cancelled)

- 1 28. (Currently Amended) ~~The program product of claim 27 wherein the property~~
2 ~~comprises A computer-readable program product comprising:~~
3 _____ (A) an inter-job breakpoint mechanism that monitors execution of first and second
4 jobs, and when at least one condition in the first job is satisfied, modifies a program
5 variable on the second job; and
6 _____ (B) recordable media bearing the inter-job breakpoint mechanism.
- 1 29. (Currently Amended) The program product of claim [[19]] 28 wherein the ~~at least~~
2 ~~one action comprises outputting of inter-job breakpoint mechanism, in response to~~
3 detecting the at least one condition in the first job, outputs a debug message to the second
4 job's output.

Please add the following new claims.

- 1 30. (New) The apparatus of claim 1 wherein the inter-job breakpoint mechanism, in
2 response to detecting the at least one condition in the first job, outputs a debug message
3 to the second job's output.
- 1 31. (New) The method of claim 10 further comprising the step of outputting a debug
2 message to the second job's output when the at least one condition in the first job is
3 satisfied.
- 1 32. (New) The program product of claim 19 wherein the inter-job breakpoint mechanism,
2 in response to detecting the at least one condition in the first job, outputs a debug
3 message to the second job's output.